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## FAX COVER SHEET

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## TELECOMMUNICATIONS - ON CANON FAX-A501

DELIVER TO: Examiner M. Woodward  
Group Art Unit 1815

DATE: June 17, 1997

FROM: Patrick J. Hagan, Esq.

OUR REF:

OPERATOR: Tina Doyle

YOUR REF:

Total Pages (including this cover) 4

Re: U.S. Patent Application No. 08/447,820  
Filing Date: May 23, 1995  
Roger P. Ekins

Documents being facsimile transmitted:

1. Supplemental Response to Paper No. 4 with Certificate of  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8/B  
(docket  
01/01/97

In re the Application of ) Examiner: M. Woodward, Ph.D.  
 ROGER P. EKINS )  
 Application No. 08/447,820 ) Group Art Unit: 1815  
 Filed: May 23, 1995 )  
 For: DETERMINATION OF AMBIENT )  
 CONCENTRATION OF SEVERAL )  
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CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper for U.S. Application No. 08/447,820 is being facsimile transmitted to the Patent and Trademark Office fax number 703-308-4065 on the date shown below.

Tina M. Doyle

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Tina M. Doyle  
SignatureJune 17, 1997

Date

SUPPLEMENTAL RESPONSE TO PAPER NO. 4

Please amend the above-identified application as follows:

In the Claims:

Add new claims 4-8 as follows:

4. A method for determining the fractional binding site occupancy of a plurality of binding agents by a plurality of analytes in a liquid sample of V liters, comprising:

(a) loading a plurality of different binding agents, each being capable of reversibly binding an analyte which is or may be present in the liquid sample and is specific for said analyte as compared to the other components of the liquid sample, onto a support at a plurality of spaced apart small spots such that each spot has a high coating density of one of said binding agents but not more than 0.1 v/k moles of binding agent are present on any one spot, where

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